SUPPLY MANAGEMENT SYSTEM

ABSTRACT OF THE DISCLOSURE

A data processing system comprises a stock level data store for storing stock level data for a stock item or part comprising current stock level data, stock demand data and stock replenishment data; a program store storing code for a processor; and a processor coupled to the data store for accessing the stored data and coupled to the program store for implementing the stored program code. The code causes processing comprising calculating predicted stock level data using the current stock level data, the stock replenishment data and the stock demand data, said predicted stock level data comprising a date and/or time and a predicted number of stock units available for meeting a demand for the stock item or part at said date and/or time, and, graphically displaying changes in the predicted stock level data over a future period of time. The data processing system assists a supplier in planning inventory management, allows a supplier to predict when there is a risk of letting a customer down, and allows a supplier to estimate the effect of a batch of work-in-progress not being completed on time.

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